

Occidental Chemical Corporation

April 26, 1985

PAUL E. FOERSCHE

PEF

GJW (JH)
(PLEASE RETURN
TO ME)

Mr. George K. Hansen
Chief, Source Surveillance Section
Bureau of Wastewater Facilities Operations
Division of Water
Department of Environmental Conservation
50 Wolf Road - Room 324
Albany, NY 12233-0001

Gentlemen:

Re: SPDES Permit No. NY0003336
Discharge Monitoring Report, March 1985
Occidental Chemical Corporation
Industrial & Specialty Chemicals

For the month of March 1985, Hooker's Niagara Plant was in compliance with all SPDES permit limits, except as listed below:

The toluene exceedence that occurred on March 6, 1985, of 10.98 lbs/day total plant loading was addressed in the February 1985 DMR. At that time, preliminary numbers were used to calculate and report the loading at 10.47 lbs/day. The March 20, 1985 toluene loading of 7.46 lbs/day met the permit limit of 9.0 lbs/day.

Subsequent to the February DMR, the following actions were taken to alleviate groundwater infiltration to Outfall 005, which has been determined to be a source for organic loadings to this sewer:

- a. All F-Area outfall process lines have been rerouted above grade. The discharge point is MH 159-G.
- b. The two (2) F-Area outfall stubs that discharge into the Outfall 005 main line have been permanently severed and plugged. An outside contractor and consultant were utilized in conjunction with OCC personnel to perform this work.

The Region 9 Office of the NYSDEC has been informed of this work and has inspected portions of this project.



HOOKEr Industrial & Specialty Chemicals

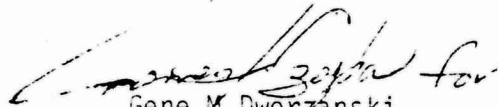
P.O. Box 344, Niagara Falls, New York 14302 716/278-7777

Our permit requires periodic submission of summary data regarding the disposal of sludges produced by abatement systems associated with our outfalls. In compliance with this condition, the following table summarizes total sludge volumes for January to March 1985.

<u>Source</u>	<u>Associated With Outfall</u>	<u>Disposed of at</u>	<u>Quantity Disposed Jan-March 1985</u>
Mercury Abate- ment Mud	001	CECOS, Intl, Inc Tn of Niagara, NY and SCA Waste Services Tn of Porter, NY	0 Tons 0 Tons
Fluoride Treat- ment System	003	CECOS Intl, Inc Tn of Niagara, NY	

Should you have any questions regarding this submission, please contact me at 716-278-7587.

Very truly yours,


Gene M Dworzanski
Sr Environmental Engineer

GMD/cl
attachment
SPDES/MONTHLY REPORT

cc: Regional Engineer - DEC, Buffalo
EPA - NYNY
S Pagano - DEC, Albany
J Kehoe - NCHD

Table 1

OCCIDENTAL CHEMICAL CORPORATION
HOOKER INDUSTRIAL & SPECIALTY CHEMICALS

Sampling Date 3/6/85

OUTFALL
FLOWRATES: (001) 0.571 MGD
(003) 4.910 MGD
(004) 6.470 MGD
(005) 13.90 MGD
001-005
Total: 25.851 MGD

SPDES Halogenated Organic Monitoring Net Results in Micrograms/Liter and Lbs/Day

**Average Flow
For Time Period
Energy Blvd Drain
Flow: 0.002030 MGD**

Constituent	001		003		004		005		Total 001-005 lb/D	Average Flow For Time Period Energy Blvd Drain Flow: 0.002030 MGD**	
	ug/l	lb/D	ug/l	lb/D	ug/l	lb/D	ug/l	lb/D		ug/l	lb/D
Monochlorotoluene	250	1.19	70	2.87	9	0.49	1010	117.09	121.64	3	0.00
Dichlorotoluene	44	0.21	5	0.20	1	0.05	36	4.17	4.63	<1	0.00
Monochlorobenzotrifluoride	3	0.01	13	0.53	<1	0.00	<1	0.00	0.54	<1	0.00
Dichlorobenzotrifluoride	1*	0.00	<1	0.00	<1	0.00	<1	0.00	0.00	<1	0.00
Hexachlorocyclopentadiene	<1	0.00	84	3.44	<1	0.00	<1	0.00	3.44	2	0.00
Endosulfan (Thiodan)(2x/mo, 005)	-	-	-	-	-	-	<1	0.00	0.00	-	-
Chlorendic Acid (1x/mo, 005)	-	-	-	-	-	-	-	-	-	-	-
Monochlorobenzene	11	0.05	3	0.12	<1	0.00	17	1.97	2.14	16	0.00
Dichlorobenzene	21	0.10	2	0.08	1	0.05	24	2.78	3.01	10	0.00
Trichlorobenzene	31	0.15	4	0.16	<1	0.00	30	3.48	3.79	<1	0.00
Tetrachlorobenzene	28	0.13	3	0.12	<1	0.00	16	1.85	2.10	<1	0.00
Trichloroethylene	1250	5.95	9	0.37	2	0.10	<1	0.00	6.42	<1	0.00
Tetrachloroethylene	270	1.29	940	38.49	12	0.65	<1	0.00	40.43	3	0.00
Hexachlorocyclohexane	1	0.00	1	0.04	<1	0.00	2	0.23	0.27	3	0.00
Toluene	19	0.09	6	0.25	34	1.83	76	8.81	10.98	3	0.00
TOTALS		9.17		46.67		3.17		140.38	199.39		
Mirex (2x/yr, 003)	-	-	-	-	-	-	-	-	-	-	-

*Interference at retention time
or retention time shift

Table 1A

OCCIDENTAL CHEMICAL CORPORATION
HOOKER INDUSTRIAL & SPECIALTY CHEMICALS

Sampling Date 3/20/85

OUTFALL
FLOWRATES: (001) 0.407 MGD
(003) 6.52 MGD
(004) 4.97 MGD
(005) 10.80 MGD
001-005
Total: 22.697 MGD

SPDES Halogenated Organic Monitoring Net Results in Micrograms/Liter and Lbs/Day

Constituent	001		003		004		005		Total	Energy Blvd Drain	
	ug/l	lb/D	ug/l	lb/D	ug/l	lb/D	ug/l	lb/D	001-005 lb/D	Flow: ug/l	MGD lb/D
Monochlorotoluene	260	0.88	53	2.88	9	0.37	1450	130.60	134.73		
Dichlorotoluene	98	0.33	3	0.16	1	0.04	19	1.71	2.24		
Monochlorobenzotrifluoride	<1	0.00	12	0.65	<1	0.00	<1	0.00	0.65		
Dichlorobenzotrifluoride	<1	0.00	<1	0.00	<1	0.00	<1	0.00	0.00		
Hexachlorocyclopentadiene	<1	0.00	52	2.83	<1	0.00	<1	0.00	2.83		
Endosulfan (Thiodan)(2x/mo,005)	-	-	-	-	-	-	<1	0.00	0.00		
Chlorendic Acid (1x/mo, 005)	-	-	-	-	-	-	-	-	-		
Monochlorobenzene	10	0.03	3	0.16	<1	0.00	18	1.62	1.81		
Dichlorobenzene	14	0.05	1	0.05	<1	0.00	26	2.34	2.44		
Trichlorobenzene	43	0.15	3	0.16	<1	0.00	23	2.07	2.38		
Tetrachlorobenzene	60	0.20	1	0.05	<1	0.00	9	0.81	1.06		
Trichloroethylene	2110	7.16	33	1.79	2	0.08	<1	0.00	9.03		
Tetrachloroethylene	410	1.39	330	17.94	14	0.58	<1	0.00	19.91		
Hexachlorocyclohexane	<1	0.00	1	0.05	<1	0.00	2	0.18	0.23		
Toluene	19	0.06	3	0.16	5	0.21	78	7.03	7.46		
TOTALS		10.25		26.88		1.28		146.36	184.77		
Mirex (2x/yr, 003)	-	-	-	-	-	-	-	-	-		

*Interference at retention time
or retention time shift

TABLE 2

OUTFALL 003S - HALOGENATED ORGANICS

DATE: MARCH 6, 1985

FLOW = 0.244 MGD

<u>CONSTITUENT</u>	<u>ug/l</u>	<u>Lb/Day</u>
Monochlorobenzotrifluoride	420	0.85
Dichlorobenzotrifluoride	150	0.30
Monochlorotoluene	17	0.03
Dichlorotoluene	2	<u>0.00</u>
TOTAL		1.18